

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 5559**  
Hisao SASAI et al. : Docket No. 2003\_1660A  
Serial No. 10/716,038 : Group Art Unit 2621  
Filed November 19, 2003 :

DEVICE, METHOD AND PROGRAM FOR :  
GENERATING INTERPOLATION FRAME

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication *(for U.S. National applications filed after June 30, 2003 and International applications that have entered U.S. National Stage after June 30, 2003),*
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No. \_\_\_\_\_.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1) ☐ the certification of paragraph 2 below is provided, **or**  
(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

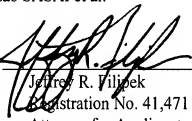
- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a Partial European Search Report (in the English language) submitted herewith,
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ A Partial European Search Report citing one or more of the references is enclosed.

Respectfully submitted,

Hisao SASAI et al.

By

  
Jeffrey R. Viljoek  
Registration No. 41,471  
Attorney for Applicants

JRF/fs  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
July 15, 2004

Sheet 1 of 1		FORM PTO 1449 (modified)		ATTY DOCKET NO. 2003_1660A		SERIAL NO. 10/716,038	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				APPLICANT Hisao SASAI et al.			
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				FILING DATE November 19, 2003		GROUP 2621	
Date Submitted to PTO: July 15, 2004				U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		AA 6,208,760	3-27-01	De Haan et al.			
		AB 4,383,272	5-10-83	Netravali et al.			
		AC					
		AD					
		AE					
		AF					
		AG					
		AH					
		AI					
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		AJ 1 006 732	6-7-00	Europe			X
		AK 1 006 723	6-7-00	Europe			X
		AL 6-178270	6-24-94	Japan			abstract
		AM 2000-134585	5-12-00	Japan			abstract
		AN					
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc)							
	AO	R. Thoma et al., "Motion Compensating Interpolation Considering Covered and Uncovered Background", Signal Processing, Image Communication, Elsevier Science Publishers, Amsterdam, NL, Vol. 1, No. 2, October 1, 1989, (10-1-1989), pages 191-212					
	AP						
	AQ						
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include cop, this form with next communication to applicant.